Appl. No. 09/885,499
Amdt. Dated June 8, 2004
Reply to Office Action of January 28, 2004

Attorney Docket No. 83336.0001
Customer No.: 26021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A backup system, which is installed in a computer system having a first type data and a second type data stored therein, said first type data and said second type data being capable of changed respectively, said backup system comprising:

a selecting module for selecting a first predetermined mode in accordance with said first type data and selecting a second predetermined mode in accordance with said second type data; and

a processing module coupled to said selecting module for processing said first type data and said second type data, wherein

said processing module backs up valid data being changed within said first type data while said first predetermined mode is selected by said selecting module, and

said processing module backs up all valid data within said second type data while said second predetermined mode is selected by said selecting module, said first type data and said second type data being backed up prior to being changed.

2.   (Original) The backup system according to claim 1, wherein said first type data includes temporary data, and said second type data includes perpetual data needed to be preserved over a long period of time.

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3.   (Original) The backup system according to claim 1, wherein said processing module executes a backup program.

4.   (Original) The backup system according to claim 1, wherein said first type data is stored into a first data storage space of said computer system.

5.   (Original) The backup system according to claim 4, wherein the size of said first data storage space is variable.

6.   (Original) The backup system according to claim 1, wherein said second type data is stored into a second data storage space of said computer system.

7.   (Original) The backup system according to claim 6, wherein the size of said second data storage space is variable.

8.   (Original) The backup system according to claim 1, wherein said first type data is stored into a first variable data storage space in said computer system, and said second type data is stored into a second variable data storage space in said computer system, said first variable data storage space and said second variable data storage space being adjustable in size and proportion.

9.   (Currently Amended) A backup method, suitable for a computer system including a temporary type data and a perpetual type data stored therein, said temporary type data and said perpetual type data being capable of changed respectively, said backup method comprising the steps of:

        selecting a first process mode in accordance with said temporary type data; and

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backing up valid data being changed within said temporary type data according to said first process mode <u>prior to said temporary type data being changed</u>.

10. (Original) The backup system according to claim 9, further comprising the step of storing said temporary type data in a first backup space of said computer system, wherein said first backup space is variable and adjustable.

11. (Original) The backup system according to claim 9, wherein a second process mode is selected in accordance with said perpetual type data, all valid data within said perpetual type data being backed up in accordance with said second process mode.

12. (Original) The backup system according to claim 11, further comprising the step of storing said perpetual type data in a second backup space of said computer system, said second backup space being variable and adjustable.

13. (Original) The backup system according to claim 9, wherein said temporary type data is stored in a first backup space of said computer system, said perpetual type data is stored in a second backup space of said computer system, said first backup space and said second backup space are variable and adjustable, and said first and second backup space together constitute a total backup space.

14-20. (Canceled)

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21. (New) The backup method according to claim 9, wherein said backed-up file may contain said valid data and identification information to identify said valid data.

22. (New) A computer program product containing program code which, when executed on a computer system, cause the computer system to perform a method for backing up every type of data in accordance with the characteristics of data , the computer program product comprising: a first program code for determining a first predetermined mode and a second predetermined mode; and a second program code for processing a first type data and a second type data corresponding to said first predetermined mode and said second predetermined mode, wherein said second program code backs up valid data being changed within said first type data while said first predetermined mode is determined, and said second program code backs up all valid data within said second type data while said second predetermined mode is determined.

23. (New) The computer program product according to claim 22, wherein said first type data includes temporary data, and said second type data includes perpetual data needed to be preserved over a long period of time.

24. (New) The computer program product according to claim 22, wherein said first type data is stored into a first data storage space of said computer system, and said second type data is stored into a second data storage space of said computer system.

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25.   (New) The computer program product according to claim 24, wherein the size of said first data storage space is variable.

26.   (New) The computer program product according to claim 24, wherein the size of said second data storage space is variable.

27.   (New) The computer program product according to claim 22, wherein said first type data is stored into a first variable data storage space in said computer system, and said second type data is stored into a second variable data storage space in said computer system, said first variable data storage space and said second variable data storage space being adjustable in size and proportion.

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